



PETRONAS ETILINAS METALENE METALLOCENE LLDPE

PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH



PETRONAS ETILINAS METALENE METALLOCENE LLDPE

are metallocene linear low density polyethylene (mLLDPE) with 1-hexene comonomer.

The grades are produced using the latest generation INNOVENE™ G advanced gas phase reactor technology with the proprietary Constrained Geometry Catalyst system (CGC).

The main markets served are various blown and cast film applications.

Offers faster,
thinner, tougher
and clearer films.

Grades

SEGMENTS	GRADES	MFR (g/10min)	DENSITY (kg/m ³)	APPLICATIONS
Blown Film	SF6612AA	1.2	926	Heavy-duty sacks, food packaging, agriculture films, refuse bags
	SF6212AA	1.2	920	
	SF6220AA	2.0	920	
Cast Film	UP6130AA	3.5	918	Cast stretch films
	SF6130AA	3.5	918	

Key Benefits

PRODUCTS	KEY BENEFITS	COMPARISON
Blown Film	<p>They are designed to be used neat or in blends and offer the following advantages:</p> <ul style="list-style-type: none"> • Easy processing • High mechanical properties • Capability to downgauge whilst keeping mechanical properties intact • Excellent optical properties • Lower seal temperature 	<p>SF6212AA mLLDPE C6 LLDPE C8</p>
Cast Film	<ul style="list-style-type: none"> • Good web stability at high output rate extrusions • Low neck in • Easy processing • Excellent optical properties • High stretchability • High holding force • Excellent puncture resistance properties 	<p>SF6130AA Competitor mLLDPE C6 Competitor mLLDPE C6 Competitor LLDPE C8</p>

Product Applications



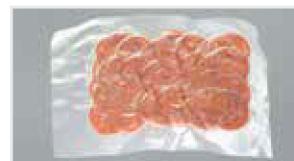
Agriculture Film



Heavy-duty



Refuse Bag



Deep-freeze Packaging Film



Stretch Film



Food Stretch Wrap



Courier Bag